

Obviously numerous modifications may be made to this invention without departing from its scope as defined in the appended claims.

I claim:

1. A fire extinguishing apparatus comprising;  
a turret mounted in a preselected area;  
sensor means for detecting a fire;  
nozzle means mounted on said turret, said nozzle means being arranged and constructed to eject a fire extinguishing agent; and  
aiming means coupled to said sensor for aiming said nozzle means toward said fire when said fire is detected by said sensor means;  
wherein said sensor means includes a first set of sensors having optical axes disposed at a first angle with respect to a vertical line and a second set of axis disposed at a second angle with respect to said vertical line.]
2. The extinguisher of claim 1 wherein said turret is rotatable.]
3. The apparatus of claim 2 wherein said aiming means includes means for rotating said turret about a vertical axis.]
4. The apparatus of claim 3 wherein said nozzle means is rotatable with respect to a horizontal axis.]
5. The apparatus of claim 1 wherein said first set of sensors alternate with respect to said second said of sensors.]
6. The apparatus of claim 1 wherein said sensor means is mounted on said turret for concurrent movement with said nozzle means.]
7. A fire extinguishing apparatus comprising;  
a housing rotatable about a first axis;  
a nozzle supported by said housing;  
sensor means for sensing a fire;  
aiming means for aiming said nozzle toward said fire; and  
water supply means coupled to said sensor means for supplying water to said nozzle when said fire is sensed; wherein said sensor means comprises a plurality of sensors arranged in an array around said nozzle.]

8. The apparatus of claim 7 wherein said nozzle is rotatable about a second axis normal to said first axis.]

9. The apparatus of claim 7 wherein said sensor means is mounted on said housing and is coupled to said nozzle for concurrent movement therewith.]

10. The apparatus of claim 7 wherein said nozzle is constructed and arranged to occult said fire from some of said sensors when said nozzle is not aimed toward said fire.]

11. The apparatus of claim 7 wherein each of said sensors comprises an electrical element, and a field of vision, said electrical element generating an electrical signal when said fire is in the field of vision of the corresponding sensor.]

12. The apparatus of claim 11 further comprising filtering means for filtering a frequency of said electrical signals to differentiate said fire from other heat sources.]

13. A fire extinguishing apparatus comprising:

a housing disposed in a preselected area;  
nozzle means for selectively directing water at a fire;  
a plurality of sensor means mounted on the nozzle means, each said sensor monitoring a portion of said area to generate a sensor signal when a fire is detected; and  
aiming means coupled to each said sensor means for aiming said nozzle toward said fire.]

14. The apparatus of claim 13 wherein said housing is rotatable about a vertical axis and said nozzle is mounted on said housing.]

15. The apparatus of claim 14 wherein said nozzle means is rotatable about a horizontal axis.]

16. The apparatus of claim 15 wherein said nozzle means and said sensors are mounted on an arm.]

17. The apparatus of claim 16 wherein said aiming means includes a pan motor for panning said housing about said vertical axis in response to signals from said sensors.]

18. The apparatus of claim 17 further comprising a tilting motor for tilting said nozzle means with respect to said horizontal axis in response to signals from said sensors.]

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